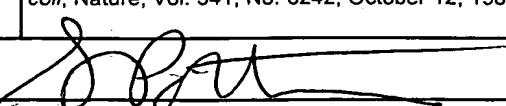
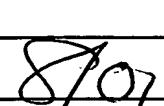


2000

SHEET 1 OF 4

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. SCH 1733'P1	TECH CENTER 1700 SERIAL NO. 09/300,425	
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Dario NERO et al.		
		FILING DATE		GROUP 1645		
SEP 18 2000 U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB CLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
V88	AL	0 344 134 A3	11/29/89	EP		
	AM	WO 97/45544		WIPO		
	AN	JP 02076598		Japan		
	AO	JP 04169195		Japan		
	AP	EP-A 184187		EPO		
	AQ	EP-A 239400		EPO		
	AR	EP-A 0120694		EPO		
	AS	WO 94/13804		WIPO		
	AT	WO 93/11161		WIPO		
	AU	GB 2188638		Great Britain		
	AV	EP-A 0125023		EPO		
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)						
BO	AW	Zang, et al., "Antibody Specific for Extra Domain B of Fibronectin Demonstrates Elevated Levels of Both Extra B(+) and B(-) Fibronectin in Osteoarthritic Canine Cartilage" <u>Matrix Biology</u> Vol. 14 (1994), pp. 623-633.				
	AX	Peters, et al., "Expression of the Alternatively Spliced EIIIB Segment of Fibronectin" <u>Cell Adhesion and Communication</u> , 1995, Vol. 3, pp. 67-89.				
	AY	Carnemolla, et al., "Phage Antibodies with Pan-Species Recognition of the Oncofoetal Angiogenesis Marker Fibronectin ED-B Domain" <u>Int. J. Cancer</u> (1996) 68:397-405.				
	AZ	Carnemolla, et al., "The Inclusion of the Type III Repeat ED-B in the Fibronectin Molecule Generates Conformations That Unmask a Cryptic Sequence" <u>The Journal of Biological Chemistry</u> , (1992) Vol. 267, No. 34. pp. 24689-24692.				
Examiner		<i>SDP/SA</i>		Date Considered	8701	
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. SCH 1733-P1		SERIAL NO. 09/300,425	
LIST OF REFERENCES CITED BY APPLICANT		O P E J C 6 SEP 18 2000 P A T E N T & T R A D E M A R K O F F I C E		APPLICANT Dario NERO et al.			
				FILING DATE April 28, 1999		GROUP 1645	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
	BL						
	BM						
	BN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	BO						
	BP						
	BQ						
	BR						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
Vof	BS	Judah FOLKMAN, "Angiogenesis in cancer, vascular, rheumatoid and other disease", Nature Medicine, Vol. 1, Number 1, 1995, pages 27-31.					
	BT	Renata PASQUALINI et al., "α-VIntegrins as receptors for tumor targeting by circulating ligands", Nature Biotechnology, Vol. 15, June 1997, pages 542-546.					
	BU	Dario NERO et al., "Targeting by affinity-matured recombinant antibody fragments of an angiogenesis associated fibronectin isoform", Nature Biotechnology, Vol. 15, November 1997, pages 1271-1275.					
	BV	Michael S. O'REILLY et al., "Angiostatin induces and sustains dormancy of human primary tumors in mice", Nature Medicine, Vol. 2, Number 6, June 1996, pages 689-692.					
	BW	Xianming HUANG et al., "Tumor Infarction in Mice by Antibody-Directed Targeting of Tissue Factor to Tumor Vasculature", Science, Vol. 275, January 24, 1997, pages 547-550.					
	BX	Patrizia CASTELLANI et al., "THE FIBRONECTIN ISOFORM CONTAINING THE ED-B ONCOFETAL DOMAIN: A MARKER OF ANGIOGENESIS", Int. J. Cancer: 59, December 1, 1994, pages 612-618.					
	BY	Dario NERO et al., "Biophysical methods for the determination of antibody-antigen affinities", Tibtech (Vol. 14), December 1996, pages 465-470.					
	BZ	E. Sally WARD et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ", Nature, Vol. 341, No. 6242, October 12, 1989, pages 544-546.					
Examiner 				Date Considered 			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. SCH 1733P1	SERIAL NO. 09/300,425
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Dario NERO et al.		
		SEARCHED SEP 18 2000	ILING DATE April 28, 1999	GROUP 1645
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)				
<i>BB</i>	CA	Robert E. BIRD et al., "Single Chain Antigen-Binding Proteins", Science, Vol. 242, October 21, 1988, pages 423-426.		
	CB	James S. HUSTON, et al., "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ", Proc. Natl. Acad. Sci. USA, Vol. 85, August 1988, pages 5879-5883.		
	CC	Philipp HOLLIGER, et al., "Diabodies": Small bivalent and bispecific antibody fragments", Proc. Natl. Acad. Sci. USA, Vol. 90, July 1993, pages 6444-6448.		
	CD	Philipp HOLLIGER, et al., "Engineering bispecific antibodies", Current Opinion in Biotechnology, Vol. 4, No. 4, 1993, pages 446-449.		
	CE	Dario NERO et al., "High-affinity Antigen Binding by Chelating Recombinant Antibodies (CRAbs)", Journal of Molecular Biology, Vol. 246, No. 3, February 24, 1995, pages 367-373.		
	CF	Cyrus CHOTHIA, et al., "Canonical Structures for the Hypervariable Regions of Immunoglobulins", Journal of Molecular Biology, Vol. 196, No. 4, August 20, 1987, pages 901-917.		
	CG	D. NERI, et al., "Multipurpose High Sensitivity Luminescence Analyzer (LUANA): Use in Gel Electrophoresis", Biotechniques, Vol. 20, No. 4, April 1996, pages 708-712.		
	CH	Ian M. TOMLINSON et al., "The Repertoire of Human Germline V _H Sequences Reveals about Fifty Groups of V _H Segments with Different Hypervariable Loops", Academic Press, Vol. 227, No. 3, October 5, 1992, pages 776-798.		
	CI	Jonathan P. L. COX, et al., "A directory of human germ-line V _x segments reveals a strong bias in their usage", European Journal of Immunology 4/1994, pages 827-836.		
	CJ	James D. MARKS, et al., "By-passing Immunization Human Antibodies from V-gene Libraries Displayed on Phage", Journal of Molecular Biology, Vol. 222, No. 3, December 5, 1991, pages 581-597.		
	CK	Tim CLACKSON et al., "Making antibody fragments using phage display libraries", Nature, Vol. 352, August 15, 1991, pages 624-628.		
	CL	Hennie R. HOOGENBOOM et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (FAB) heavy and light chains", Nucleic Acids Research, Vol. 19, No. 15, August 11, 1991, pages 4133-4137.		
	CM	Dario NERI et al., "Radioactive labeling of recombinant antibody fragments by phosphorylation using human casein kinase II and [γ - ³² P]-ATP", Nature Biotechnology, Vol. 14, No. 4, April 1996, pages 485-490.		
	CN	Luciano ZARDI, et al., "Transformed human cells produce a new fibronectin isoform by preferential alternative splicing of a previously unobserved exon", The Embo Journal, Vol. 6, No. 8, August 1987, pages 2337-2342.		
	CO	Robert SCHIER et al., "Identification of functional and structural amino-acid residues by parsimonious mutagenesis" Gene, Vol. 169, (1996), No. 2, pages 147-155.		
	CP	Wataru ITO, et al., "Mutations in the Complementarity-determining Regions do not cause Differences in Free Energy during the Process of Formation of the Activated Complex between an Antibody and the Corresponding Protein Antigen", Journal of Molecular Biology, Vol. 248, No. 4, May 12, 1995, pages 729-732.		
	CQ	C. HAMERS-CASTERMAN, et al., "Naturally occurring antibodies devoid of light chains", International Weekly Journal of Science, Vol. 363, NO. 6428, June 3, 1993, pages 446-448.		
Examiner	<i>BB</i>		Date Considered <i>8/9</i>	
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. SCH 1733P1	SERIAL NO. 09/300,425
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Dario NERO et al.	
		FILING DATE		April 28, 1999 GROUP 1645	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
	CR	U. JÖNSSON, et al., Real-Time Biospecific Interaction Analysis Using Surface Plasmon Resonance and a Sensor Chip Technology", Biotechniques, Vol. 11, No. 5, November 1991, pages 620-627.			
	CS	Ahuva NISSIM, et al., "Antibody fragments from a 'single pot' phage display library as immunochemical reagents", The Embo Journal, Vol. 13, No. 3, February 1, 1994, pages 692-698.			
	CT	Barbara CARNEMOLLA, et al., "PHAGE ANTIBODIES WITH PAN-SPECIES RECOGNITION OF THE ONCOFOETAL ANGIOGENESIS MARKER FIBRONECTIN ED-B DOMAIN", International Journal of Cancer, Vol. 68, No. 3, November 4, 1996, pages 397-405.			
	CU	Alessandro PINI, et al., "Hierarchical affinity maturation of a phage library derived antibody for the selective removal of cytomegalovirus from plasma", Journal of Immunological Methods, Vol. 206, nos. 1-2, 1997, pages 171-182.			
	CV	Daniel R. DEAVER, "A new non-isotopic detection system for immunoassays", Nature, Vol. 377, No. 6551, October 26, 1995, pages 758-760.			
	CW	Matsuura H., Takio K., Titani K., Greene T., Levery SB., Salyan ME., Hakomori S., J. Biol. Chem. 263, 3314-3322, "The oncofetal structure of human fibronectin defined by monoclonal antibody FDC-6. Unique structural requirement for the antigenic specificity provided by a glycosylhexapeptide", March 1988. Abstract Only.			
	CW	Zheng M., Gobbo M., Biondi L., Filira F., Hakomori S., Rocchi R.; Int. J. Pept. Protein Res., 43, 230-8, "Synthetic immunochemistry of glycohexapeptide analogues characteristic of oncofetal fibronectin. Solid-phase synthesis and antigenic activity"; March 1994. Abstract Only.			
	CX	Feinberg, RF., Kliman HJ., Bedian V., Monzon-Bordonaba F., Menzin AW., Wang CL.; Am. J. Obstet. Gynecol 172, 1526-1536; "Monoclonal antibody X18A4 identifies an oncofetal fibronectin epitope distinct from the FDC-6 binding site"; May 1995. Abstract Only.			
	CY	Paul K. Schick, Carol M. Wojenski, Vickie D. Bennett, and Tamara Ivanova; "The Synthesis and Localization of Alternatively Spliced Fibronectin EIIIB in Resting and Thrombin-Treated Megakaryocytes"; Blood, Vol. 87, No. 5, March 1, 1996; pp. 1817-1823.			
	CZ	Denise G. White, James W. Hall, David W. Brandli, Amy L. Gehris, and Vickie D. Bennett; "Chick Cartilage Fibronectin Differs in Structure from the Fibronectin in Limb Mesenchyme"; 1996; Exp. Cell Res. 224, pp. 391-402.			
	DA				
	DB				
	DC				
	DD				
CE					
CF					
CG					
Examiner			Date Considered		

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. SCH 1733 P1		SERIAL NO. 09/300,425	
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT DARIO NERI ET AL.					
		FILING DATE 15 2000		GROUP 1645			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA							
AB							RECEIVED
AC							
AD							NOV 20 2000
AE							
AF							
AG							
AH							
AI							
AJ							
AK							
AL							
AM							
AN							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO	
AO							
AP							
AQ							
AR							
AS							
AT							
AU							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
BB	AV	L. Zardi, B. Carnemolla, A. Siri, T.E. Petersen, G. Paolella, G. Sebastio, F.E. Baralle (1987). "Transformed human cells produce a new fibronectin isoform by preferential alternative splicing of a previously unobserved exon", EMBO Journal, 6, 2337-2342.					
	AW	P. Castellani, G. Viale, A. Dorcaratto, G. Nicolo, J. Kaczmarek, G. Querze, L. Zardi (1995). "The fibronectin isoform containing the ED-B oncofetal domain: a marker of angiogenesis". International Journal of Cancer, 59, 612-618.					
	AX	B. Carnemolla, D. Neri, P. Castellani, A. Leprini, G. Neri, A. Pini, G. Winter, L. Zardi (1996). "Phage antibodies with pan-species recognition of the oncofetal angiogenesis marker fibronectin ED-B domain". International Journal of Cancer, 68, 397-405.					
	AY	D. Neri, B. Carnemolla, A. Nissim, A. Leprini, G. Querze, E. Balza, A. Pini, L. Tarli, C. Halin, P. Neri, L. Zardi, G. Winter (1997) "Targeting by affinity-matured recombinant antibody fragments of an angiogenesis associated fibronectin isoform", Nature Biotechnology, 15, 1271-1275.					
	AZ	R. Fattorusso, M. Pellecchia, F. Viti, P. Neri, D. Neri, K. Wüthrich (1999). "NMR structure of the human oncofetal fibronectin ED-B domain, a specific marker for angiogenesis", Structure 7, 381-390.					
Examiner	<i>868</i>				Date Considered <i>8/01</i>		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							